1933 **FREQUENCY-MODULATION** **E H Armstrong (USA)**

The credit for promoting FM as a broadcast service goes to E H Armstrong. For years he had been seeking a way to reduce static, and finally he turned his attention to FM. Toward the end of 1933 he had perfected a system of wide-band frequency modulation which seemed to overcome natural and many forms of man-made static. In this system the carrier was frequency modulated ±75 kc by audio components up to 15 kc.

SOURCE: 'The development of the art of radio receiving from the early 1920's to the present' by W O Swinyard *Proc. IRE* p 797 (May 1962)

SEE ALSO: 'Frequency modulation' by S W Seeley *RCA Rev.* vol 5, p 468 (April 1941)

Selected Papers on Frequency Modulation edited by J Klapper (New York: Dover Publications Ltd.) (1970)

NOTE The actual invention of frequency modulation goes back to 1902 US Patent 785 303. D Ehret (Endeavor Review April 1978)